

20010627.qrp v02_n233.qrl.20010627

Date: Wed, 27 Jun 2001 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2233

QRP-L Digest 2233

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- 1) [100906] OT- FD Suggested Changes- Longish
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- 3) [100908] Spare Parts
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- 11) [100916] FS or trade mfj 751
by paul taylor <ptay1@bestweb.net>
- 12) [100917] Field Day from up North
by John & Jean Hendricks <AL70K@arrl.net>
- 13) [100918] Re: Field Day from up North
by "George, W5YR" <w5yr@att.net>
- 14) [100919] Vertical Info
by ARDUJENSKI@aol.com
- 15) [100920] Ol' Tyme Radio...
by "N7SG K7FD" <k7fd@hotmail.com>
- 16) [100921] Activating Pikes Peak Friday and Saturday Evenings
by N0BN@aol.com
- 17) [100922] QRP Antenna: Miracle Whip
by MITCHELLRI@aol.com
- 18) [100923] RE: QRP Antenna: Miracle Whip
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 19) [100924] Miracle whip Correction (Read First)

- by MITCHELLRI@aol.com
- 20) [100925] RE: oscilloscopes
by Michael Melland <w9wis@charter.net>
 - 21) [100926] Re: Operating Procedures
by Bill Coleman <aa4lr@arrl.net>
 - 22) [100927] Re: QRP Antenna: Miracle Whip
by Bob Nielsen <nielsen@oz.net>
 - 23) [100928] FS
by Michael Goins <mgoins@usa.net>
 - 24) [100929] MFJ-9317 For Sale
by "Mitchell, Harvey" <Harvey.Mitchell@enron.com>
 - 25) [100930] ZM-2 Question
by "Paul Christensen" <paulc@mediaone.net>
 - 26) [100931] FS or trade
by "SPENCER, JOSEPH" <joseph.spencer@tccd.net>
 - 27) [100932] Re: PSK31 and the MAC
by Bill Coleman <aa4lr@arrl.net>
 - 28) [100933] ATTN Summer CUB FOX Hunt
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 29) [100934] Re: Vertical Info
by "George, W5YR" <w5yr@att.net>
 - 30) [100935] Now Hear This!--Summer FOX Reminder
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 31) [100936] Re: Miracle whip Correction (Read First)
by Phil Wheeler <w7ox@earthlink.net>
 - 32) [100937] Re: Vertical Info
by "Larry Wise" <lewise@txwises.com>
 - 33) [100938] RE: Miracle whip Correction (Read First)
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
 - 34) [100939] FOX: Cub Foxii Needed!!!!
by John Wagner <john@neknetwork.com>
 - 35) [100940] Re: Operating Procedures
by Ted Wagner <kb9rpd@yahoo.com>
 - 36) [100941] Fox- Summer Hunt #1 K4FB
by Paul Womble <pwomble1@tampabay.rr.com>
 - 37) [100942] Fox- K4FB addition
by Paul Womble <pwomble1@tampabay.rr.com>
 - 38) [100943] Re: Operating Procedures
by Dave Sjolin <sjolin@swbell.net>
 - 39) [100944] Re: Shortened Doublet
by Bill Coleman <aa4lr@arrl.net>
 - 40) [100945] Re: Shortened Doublet, Lengthened Doublet
by Bill Coleman <aa4lr@arrl.net>
 - 41) [100946] Re: Shortened Doublet
by Phil Wheeler <w7ox@earthlink.net>
 - 42) [100947] FS: Emtech NW20 GWO
by "Chuck Carpenter" <w5usj@globeco.net>
 - 43) [100948] FS: OHR-500 - sold

- by "Frank Alwine" <kt1vt@hotmail.com>
- 44) [100949] Fox - Summer Fox Hunt Teams -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 45) [100950] OT: Looking for good deal on NIMH AA cells and charger
by "dave dabay" <kd3pc@mindspring.com>
- 46) [100951] Operating Procedures - Frequency Agility
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 47) [100952] NVQS Field day Pictures (round 1)
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 48) [100953] FOX: First Summer Hunt, W8RU-K4FB, 0200utc on 29 June
by Ron Majewski <majewski@erim-int.com>
- 49) [100954] Re: Shortened Doublet
by Bill Coleman <aa4lr@arrl.net>
- 50) [100955] PSK-31/TTY ON A POQET
by dave_epps@juno.com
- 51) [100956] Re: Operating Procedures - Frequency Agility
by Scott Galloway <scott@mcgeorgecarco.com>
- 52) [100957] Just built SST with a question
by "John Karpus" <jkarpus@home.com>
- 53) [100958] Re: Shortened Doublet
by Phil Wheeler <w7ox@earthlink.net>
- 54) [100959] Re: OT: Looking for good deal on NIMH AA cells and charger
by Phil Wheeler <w7ox@earthlink.net>
- 55) [100960] Re: Just built SST with a question
by Phil Wheeler <w7ox@earthlink.net>
- 56) [100961] RE: OT: Looking for good deal on NIMH AA cells and charger
by "Charles Mabbott" <crmabbott@mediaone.net>
- 57) [100962] fs or trade
by paul taylor <ptay1@bestweb.net>
- 58) [100963] Re: Operating Procedures - Frequency Agility
by Joel M Denison <hamjoel@juno.com>
- 59) [100964] Re: Shortened Doublet, Lengthened Doublet
by Larry Cahoon <lejek@erols.com>
- 60) [100965] Transmission Line Transformer book wanted
by w7ls <w7ls@blarg.net>

Date: Tue, 26 Jun 2001 19:00:17 -0400
From: "Anthony A. Luscre" <aluscre@neo.rr.com>
To: qrp-l@Lehigh.EDU
Subject: [100906] OT- FD Suggested Changes- Longish
Message-ID: <3B391400.9411187C@neo.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With this being the last year of special Novice stations in ARRL FD

there has been a lot of discussion as to what would replace them in future years. I understand that Field Day has a very long and wonderful past as one of the seminal yearly events sponsored by the ARRL and participated in by one of the largest groups of ham radio operators. Therefore, I am hesitant to see changes, unless they are for the betterment of amateur radio and the ARRL. I feel that FD has always been a wonderful introduction for new hams. Because U.S. licensing requirements do not require a demonstration of operating techniques or a probationary period of operating many new hams are very well versed in rules, theory and Morse code but not in operating techniques. "Mic and key fright" have often hampered many hams from using their newly acquired privileges. FD has been a great place to make those first few shaky contacts under watchful eye of more experienced hams. FD has also acted as a great laboratory for learning about setting up towers and antennas, seeing new equipment and learning about new modes (packet, satellites, VHF SSB, etc.). Lastly and very important is the emergency preparedness aspect of the FD exercise.

I am enclosing part of a message I wrote for the Contesting mailing list. I have been involved in 20 field operations including 18 with a local club, two 1B operations when out of town, I have also been a previous Novice/ Tech station for local club and served as FD chairperson 4 times for our local club. In addition I have also been very active in teaching new ham classes and mentoring new hams.

I feel that three very important issues could be addressed with some slight adjustment of the current Field Day rules-

- A. Encourage new hams to be active on HF, give them a taste of "contest" style operations and get involved in Emergency Communications
- B. Focus on the Operating/Training aspect while minimizing impact on club "scores". Clubs can then have it both ways- strong competitive operations with a relaxed, nurturing atmosphere that is inclusive of all hams no matter their abilities, ages or experience.
- C. Make ARRL message copying more important aspect of FD.

1. "TRAINING STATION" to replace the Novice/Tech station- The "Training Station" would be for newer hams and elmers. I think the easy way to minimize the "points aspect" and stress the "training aspect" of the training station is to follow these basic suggestions-

a. No points per QSO are given to the station operating the Training Station(s) for the contacts they make, instead 20 points are awarded per hour for having one or more Training Stations on the air during each one hour segment of the 24 hours of FD (i.e. if station is on anytime during 18:00 to 19:00 that is 20 points). No extra points for more than one station at a time. This way of awarding points would take the focus off the number and speed of contacts and stress the aspect of being on the air.

b. Training Station(s) would use the call of the "Elmer" ham(s) or "Newbie" ham(s) different than that of the call being used by regular FD station(s). It can change hourly if new operators take over (this gets around the "Dupe" situations for other stations that also work the regular FD stations).

c. Training Station(s) can use all normal FD bands and modes (a variety of modes would be a benefit to energizing new hams).

d. Training Station(s) cannot work its sponsor's regular FD stations.

e. Training Station(s) would not change FD classification of regular FD operation (5A stays 5A, even if one or more Training Stations are on air also).

f. Entry sent to ARRL will consist of a report of how many Training Station(s) were on the air, calls used and checklist of which hour segments they were on the air, list of all calls of hams that were being trained.

g. Two other additional possibilities would also present themselves - ARRL could send out a "Welcome to FD" certificate to all "newbie" hams listed in "f" above (along with an application to join ARRL, of course). The "Training Stations" are a great place to give tours for visitors, scout groups, etc.

2. FIELD DAY MESSAGE- making the message "interactive" would increase emergency communications aspect of the process.

a. Message should refer to some action to be carried out during FD to earn bonus points.

b. There are many years of different possibilities. Examples could include but not be limited to- working a particular band or mode, sending an additional exchange (i.e. zip code, area code, temperature, etc.), forwarding a special message to community leader, taking a photograph of specific aspect of your FD operations, working the same other station on 4 or more bands, working all districts, working "x" number of sections, etc.

If you agree with the above ideas please let your ARRL Directors, Assistant Directors, Section Managers and Headquarters Staff know how you feel and hopefully next year hundreds of "Training Stations" will take to the air on that magic weekend in June.

--

|-----|
Anthony A. Luscre
K8ZT
Stow, Ohio
|-----|

Date: Tue, 26 Jun 2001 16:54:58 -0700 (PDT)
From: joe living <jliving2001@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [100907] oscilloscopes
Message-ID: <20010626235458.54931.qmail@web10603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Gang

I've seen oscilloscopes advertised in QST, a
Elenco
S-1325 25 mhz dual trace from C & S sales and a
Kenwood QCS 4124 20 mhz dual channel from Products
International. Any feedback on this units or the
the copanies selling them?

Joe W3GW

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Tue, 26 Jun 2001 19:15:17 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [100908] Spare Parts
Message-ID: <000901c0fe9e\$40154ec0\$b5382bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have 16 ceramic trim pots. These are NPO 2pf to 13pf and made by Erie.
First \$5 gets them. That covers shipping too.

I have 2 each, 5K Bourns Knob Pots. These are about \$35 each for new at Mouser. I have used these, they are fine, I don't need them now. How about \$20 for both of them? Including shipping. Knob Pots are ten turn precision pots. Make me an offer. I almost have enough scrounged for that new K1 I so desperately need.

Anyone interested?

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=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
  39.558 N   86.095 W   Johnson Co., Indiana
  GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
  Member of the American Radio Relay League - SOC #400
  FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
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Date: Tue, 26 Jun 2001 20:50:14 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [100909] Want to Buy Conar 500 Receiver
Message-ID: <bb.102bf16d.286a87c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I saw the recent post of a Conar 400 transmitter FS and also the QST article on the pair. I have been looking for the 500 receiver for about 6 or 8 years to put with my 400 transmitter. If you have one to sell or even the pair please contact me. Thanks for the BW.

73, Al N2ZHS
Scotia, NY
J38al@aol.com

Date: Tue, 26 Jun 2001 21:02:13 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [100910] # 55 confirmed for mw DXCC !!!
Message-ID: <001201c0fea4\$ce080e60\$05514342@twcnny.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!

Recieved JY9NX for #55 confirmed for milliwatt
DXCC !!! worked with 800 mw on 10 meter CW !!!!

73s
George , N2JNZ / QRPP

Date: Tue, 26 Jun 2001 19:58:50 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [100911] Vacation: I don't think I was supposed to do that . . .
Message-ID: <20010626.200046.-453915.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Well, two & a half weeks on the road, in hotels & motels & a really
spiffy B&B in Sedona, and we is back!

Remember the SG2020 that I thought I'd fixed up enough to take on the
trip? Well, it died in the parking lot of the Stanley Hotel in Estes
Park, CO, after having worked no problemo all the way from Ron Brown's
digs in Wray to that there place in the mountains. Plugged it in one
morning & got the terrible weird read-out thingie. So that was a squash .
. . More about that later.

Then after tooling down the interstate in Arizona for a little while, we
came upon some of that weird weather where you can see for miles &
there's two thunderstorms out there that never seem to get close until
you're suddenly stopped for traffic. Slip the Accord into first & idle
down the road until we get near enough to the storms that we can turn on
the wipers. We stop to visit Meteor Crater and as we're leavin', I become
aware of this ticking going on under the 2m radio. I frantically
disconnect the antenna and the tickin' stops. Rain static on the antenna
hose at the radio. Who'd a thunk it?

Now the 2m radio -- an old (maybe 20 years) Pace Communicator II -- does

offsets on every setting & don't put out no power over maybe a watt or so.

I get the definite impression that I wasn't supposed to take the radios with me. Probably not even a CB, which I didn't. Even if it'd been interesting to hear what the heck I was stopped for a couple times. Ever notice how that works? You'll come to a grinding halt in the middle of nowhere, traffic will pile up behind you and there'll be this jostling from one lane to the other until finally, over the top of some hillock or around some bend, everything opens up again & you're off! Nothin' on the side of the road. No ambulances in sight (even the one that went down the right hand shoulder has vanished), and not a grease spot or highway worker to show any sign of cause.

Now, I get home, replace the burned up MOSFET switch & the '2020 comes on & goes off like it otter. 'Cept for that funny display. So I take the radio apart again, check all the cables, plug it back in & now I get all the LEDs lit at once & a couple bars on the display.

I know from in front that it's gonna cost me at least \$90, not including shippin' & insurance two directions, plus parts or whatever, plus whatever it takes for me to get an upgrade on the firmware. Which will come to something around half the price of the radio when I bought it.

So did I fix it myself? Kinda. What am I gonna do next? Keep the radio as a memento & use the case for something interesting. And I am taking suggestions on what I should replace it with, once I get past paying off the vacation & finding a new 2m radio, which is another story.

And yes, I am VERY HAPPY (but not THAT kind of Happy) that I didn't take the K2 with me.

It'd just have gotten in the way anyhow. After all, climbing in the snow around Estes Park was cool. And visiting Ron & Joyce was really neat, after nearly 30 years. And finding my greatgrandmother's grave (and possibly my grandmother's grave -- it wasn't marked but was noted as 'unknown" next to greatgrandma) in the Clear Creak Cemetery near Camp Verde, Arizona was, really, quite an emotional thing. (Now I gotta square who is buried there next to Elizabeth (Aughe) Young, mother of Tom & George & Roy & Len Young . . . Tom was my father's father, married Helga Bull . . . it's a long story. And then figure out how to get a marker for the grave. She deserves that much.

So . . . suggestions on what I should replace the SG2020 with? (And no, I ain't buildin' nothin' more, so don't even mention the K1.)

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 26 Jun 2001 18:49:49 -0700

From: Bob Welch <p326@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [100912] Want to Buy

Message-ID: <3B393BBD.681F7CA5@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Looking to buy a completed ZM-2 In good condition. Please reply direct

Thanks,

Bob

Date: Tue, 26 Jun 2001 22:16:50 -0400 (EDT)

From: George Gingell <k3tks@u1.abs.net>

To: QRP List <qrp-l@Lehigh.EDU>

Subject: [100913] Unbuilt Kits

Message-ID: <Pine.BSF.4.33.0106262151280.13121-100000@u1.abs.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

It is quite interesting to find that I am not alone with this Unbuilt Kit Thing. I am reasonably sure that Jim and others have taken the lead in the past two years, but I am pretty sure that I had the lead for a time back then. Funny thing, I just began a reverse of the trend. I SOLD a Kit tonight. Quite possibly the Oldest UNBUILT K2 in the Country. Serial

Number 0154, Received 6/25/99, Sold 6/26/01. It will now likely get built this Summer by another Maryland Milliwatter. I must admit, I never thought that I would see this day. Definately not quitting QRP, just have to be realistic about some things and improve the cashflow.

I am also considering selling a Ten-Tec Argo 515, Power Supply and 405 Linear Amp. as a Package.

I might even sell off some kits, I just don't have time to go thru them just now. There may be a Maryland Milliwatt QRP Show es Sell (was Tell) this summer. Locals be warned. :^)

Anyone who knows of some worthy youngsters interested in Ham Radio drop me a note withtheir Name, Address, Email, Phone, etc. I would like to have a list to make sure that everything finds a good home. We do have one High School here that has an Electronics Program. (I attended the First one at Wheaton HS, now Edison Career Center.) I still remember Drawing Schematics of Military Equipment for my Electrical Drafting Class. Yes, it was tough, but then again It helped me to excell in Circuit Reading both in the Airforce and Later in the Telephone Industry. Actually MaBell's stuff is a bit more complex than your ordinary Schematic. Detached Contact Drawings can be a Bear. I always had Trouble tracing Circuits with lots of logic diodes. Telephone Equipment uses Negative Battery (Positive Groound). Of course all opposite to Military Drawings. :^)

A little Sad to have to sell the "Baby" (K2) ;^{ OTOH, she was actually two years and a day and never out of her box, with ATU as well.

At least she has gone to a good home and will live with a little brother K1 So I am told... :^{}

Sir George, The First :^{}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Tue, 26 Jun 2001 20:36:34 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [100914] Iowa QRP Forum
Message-ID: <B75EA2D1.A98C%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I just got back from my vacation, which also included the Iowa QRP forum. I had a great time, and want to thank all of the Iowa QRPers for their hospitality.

If you are in the Midwest, within a days drive of Sioux City this is a great forum to attend. Be there next year.

There was a great lineup of speakers and me. Jerry, WB0T, was on the Hamboree orgainzing committee and convinced the powers to be that they should invite Ed Hare (W1RFI) from the ARRL. Ed conventiently gave a great QRP talk on the rediscovery of the Tuna Tin 2. Ade Weiss, W0RSP, gave a talk on SWR. Walt Holling, N9MZP, gave a talk on PSK 31. I gave a talk on batteries. I think that the QRP talks constituted about half the talks at the Hamboree, and nearly all of the technical talks. Of particular interest to me were the comments of W0WL, Warren Amphahr, former transmitter engineer at Collins radio. He said that he attends the QRP forums because "You guys are the only ones doing anything interesting".

There was a building night on Friday where people could build marker generators, audio amplifiers, or Tuna Tin 2s. Two young people built the TT2, so I hope that we soon have two new hams. After the building night several of us adjourned to room of John Burnley, NU0V, for a post mortem. John, well aware of my weakness for microbrews, had brought two growlers of fine ale from Saints, a Des Moines microbrewery. We solved all of Ham radio's problems during that session, but nobody wrote down the solutions!

Did I mention that the Iowa group can build? The group had a fine display of homebuilt gear at the swap meet. This was a popular table and had good traffic all day long. WOMF had his fine gear there including hte Iowa QRP 10. Jerry W0PWE had a homebrew PIC keyer packaged so nicely that it looked commercial. He also had a very nice Manahattan built SST 20. His work is very much the equal of Jim, K8IQY, and Chuck K7Q0. Walt, N9MZP had some very

nice homebrew gear, including some PSK gear. Paul, KB0JIT, had some nicely built gear, including an LDG tuner, as well.

The luncheon was shared with the QCWA. Over a third of the attendees were QRPers, although many of us were QCWA material as well.

My father in law, W0AEN, attended with me. We stayed over Saturday night. Jerry, W0PWE, and his son David did as well. We had a fine supper at a local microbrewery and got to know each other much better.

Many thanks to the Iowa group for hosting me. In particular, John, NU0V and Jerry, WB0T, are wonderful hosts and treat me much better than I deserve.

Also, a number of prizes for the building contest were donated by NorCal, NJQRP, Embedded Research, and the Ft. Smith QRP group. Kudos to these groups for encouraging QRP growth throughout the country!! - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 26 Jun 2001 22:58:44 -0400
From: "Frank Alwine" <kt1vt@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [100915] FS: OHR-500
Message-ID: <F268S60N23IC6MNfXbd0000afb4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For Sale - Oak Hills Research OHR-500 5-band CW QRP transceiver, includes the optional CMOS keyer. I'm the second owner of this rig; the original owner had it built for him by OHR. Rig has been very lightly used and is in great shape.

If you're not familiar with the OHR-500 see the details at:

<http://www.ohr.com/ohr500.htm>

New kit prices are \$360 for the rig & \$40 for the keyer; I'm asking \$275 for the package + shipping.

I also have the DD1 digital display that plugs into the back of the '500 AND can be used with virtually any other rig or as a stand-alone freq. counter. Kit price is \$80;

sold only as a package with the '500 for a total price of \$325 + shipping.

Reason for selling: found another radio I want & need cash!

Drop me a line at kt1vt@hotmail.com if you're interested.

Thanks & 72, Frank KT1VT

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Date: Tue, 26 Jun 2001 23:03:39 -0700
From: paul taylor <ptay1@bestweb.net>
To: qrp-1@LEHIGH.edu
Subject: [100916] FS or trade mfj 751
Message-ID: <3.0.32.20010626230338.006a1cd8@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

mfj keyboard keyer. Keyboard has function keys painted on.
Good working shape.
asking \$55.00
will consider a trade

Date: Tue, 26 Jun 2001 19:26:02 -0700
From: John & Jean Hendricks <AL70K@arrl.net>
To: qrp-1@Lehigh.EDU
Subject: [100917] Field Day from up North
Message-ID: <20010627032843.UUWK2154.mtiwmhc26.worldnet.att.net@hendrick>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It is a long way out of Alaska for field day. I operate QRP all year except field day. This year our club KL7AA had 4 stations, two on phone, two on cw all running camper warming amps. No QRP for field day. We had a big signal on 40 CW to the lower 48 with a kilowatt into a 2 element beam at 60 feet, 300 contacts in 10 hours. Now back to QRP to sharpen technique for next years gallon run at field day.

John AL70K

Date: Tue, 26 Jun 2001 22:45:05 -0500
From: "George, W5YR" <w5yr@att.net>
To: AL70K@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100918] Re: Field Day from up North
Message-ID: <3B3956C1.E213EA79@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I appreciated my first QRP contact with Alaska! Thanks!

You had a big signal on 20 as well.

--

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

John & Jean Hendricks wrote:

>
> It is a long way out of Alaska for field day. I operate QRP all year
> except field day. This year our club KL7AA had 4 stations, two on phone,
> two on cw all running camper warming amps. No QRP for field day. We had a
> big signal on 40 CW to the lower 48 with a kilowatt into a 2 element beam
> at 60 feet, 300 contacts in 10 hours. Now back to QRP to sharpen technique
> for next years gallon run at field day.
>
> John AL70K

-

Date: Wed, 27 Jun 2001 00:46:20 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [100919] Vertical Info
Message-ID: <21.d9d304e.286abf1c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The book PRACTICLE WIRE ANTENNAS by John Heys seems to have a good rule of thumb on short vertical antennas that I have yet to see any conflict todate in other papers. I think it is a good reference to keep in mind as folks make claims for their shorties.

VERTICAL EFFICIENCIES

	TOP LOADED	BOTTOM LOADED
90 degree (1/4wl)	76 percent	76 percent
75 degree	75 percent	65 percent
50 degree	65 percent	42 percent
35 degree	51 percent	24 percent
25 degree	37 percent	21 percent
15 degree	18 percent	5 percent
10 degree	8 percent	2 percent

This will give you a good indication of various designs which one will give you the most power. A St. Louis style vertical will be almost twice as efficient on 40m when top loading. It gives a good guide to reality on various antennas that pop up in various publications

>From my research of info from various experts it appears that you get the most bang for the buck with 12-16 1/8wl radials. There are always exceptions but not many it appears

Hope this will be of some help to folks. Alan KB7MBI

Date: Tue, 26 Jun 2001 21:50:34 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [100920] 01' Tyme Radio...
Message-ID: <F180K7QaaC4omkfdo8T0000afc8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Tonight's qso on 40m was a real hoot. Well maybe more of a chirp. Nonetheless, when I answered KK7BL's lonely qrl?, a got a big 01' Tyme radio treat! Jerry was on his xtal controlled, plug-in coil festooned 6V6 tube rig pounding out a big 4 watts! I followed every chirp and drifting note with my K2's RIT with a big smile - THIS is FUN! Adding to the barebones qrp equation was Jerry's rx: a Radio Shack SW portable!

QRP is!

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 27 Jun 2001 07:44:18 EDT
From: N0BN@aol.com
To: qrp-1@lehigh.edu
Subject: [100921] Activating Pikes Peak Friday and Saturday Evenings
Message-ID: <11d.e05b0f.286b2112@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I will be helping provide VHF/UHF communications support for the Pikes Peak International Hill Climb on Saturday and get to camp at Devil's Playground at about 13,000 feet.

I will be active in the evenings on 20 and 40 M, probably around 14050-60, or 7050-60 as usual. As the site is above tree line, I'm not sure about condx for hanging dipoles so may be operating from my Subaru with Hustler antenna. I might show up on 30 M as well.

I very much enjoyed hanging out with Colorado QRP Club friends for FD.
Thanks, guys (and gal).

72,

Daniel n0bn

Date: Wed, 27 Jun 2001 08:31:13 EDT
From: MITCHELLRI@aol.com
To: qrp-1@lehigh.edu
Subject: [100922] QRP Antenna: Miracle Whip
Message-ID: <86.bc21aa2.286b2c11@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In July '01 is an article about the Miracle Whip QRP antenna. I am in the process of building one, the \$85.00 price tag for buying it complete scares me. Has anyone built one and/or used one? This antenna seems to be the

perfect match to my new Yaesu 817, although some of the claims about performance seem optimistic.

As I move through this build, I will share my experiences. (Yawn)
BTW, a good source for the wiper was an old fader control for low impedance speakers. Clarostat was the brand found in my junk box, but I think R/S has something like it.

'73
Leeds Mitchell
WA1GJF
mitchellri@aol.com

Date: Wed, 27 Jun 2001 07:31:09 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'MITCHELLRI@aol.com'" <MITCHELLRI@aol.com>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100923] RE: QRP Antenna: Miracle Whip
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49C32@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

"In July '01" of WHAT, Leeds? "CQ Magazine" or "73" or what publication?

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: MITCHELLRI@aol.com [SMTP:MITCHELLRI@aol.com]
> Sent: Wednesday, June 27, 2001 7:31 AM
> To: Low Power Amateur Radio Discussion
> Subject: QRP Antenna: Miracle Whip
>
> In July '01 is an article about the Miracle Whip QRP antenna. I am in the
>
> process of building one, the \$85.00 price tag for buying it complete
> scares
> me. Has anyone built one and/or used one? This antenna seems to be the
> perfect match to my new Yaesu 817, although some of the claims about
> performance seem optimistic.
>
> As I move through this build, I will share my experiences. (Yawn)
> BTW, a good source for the wiper was an old fader control for low

> impedance
> speakers. Clarostat was the brand found in my junk box, but I think R/S
> has
> something like it.
>
> '73
> Leeds Mitchell
> WA1GJF
> mitchellri@aol.com

Date: Wed, 27 Jun 2001 08:50:54 EDT
From: MITCHELLRI@aol.com
To: qrp-l@lehigh.edu
Subject: [100924] Miracle whip Correction (Read First)
Message-ID: <f4.bd89b08.286b30ae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Boy, did I blow it on this one!!! The story was in the July QST. Now, please
excuse me while I go and wash the egg off my face.
Leeds Mitchell
WA1GJF

Date: Wed, 27 Jun 2001 08:07:30 -0500
From: Michael Melland <w9wis@charter.net>
To: QRP-L <qrp-l@Lehigh.EDU>, jliving2001@yahoo.com
Subject: [100925] RE: oscilloscopes
Message-ID: <NEBBLKAGEKBNGELOFFCAOEKPCJAA.w9wis@charter.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Joe,

I don't have any particular information on those scopes but 25 mhz is pretty
low bandwidth for looking at many HF signals. I'd recommend 100 mhz scope
as a good starting point..... but then it all depends on just "what" you
want to look at. Used Tektronix scopes ala 2235, 465 or 7603 can be had at
a very good price... often under \$300 if you shop carefully.

73 de Mike, W9WIS

--

Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 FPQRP #244 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Wed, 27 Jun 2001 09:06:21 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <tcurtola@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100926] Re: Operating Procedures
Message-ID: <1010527090622.JAA23959@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/22/01 12:38 PM, Tom Curtola at tcurtola@home.com wrote:

>I have a couple of operating questions to which I can't find answers in my
>ARRL manual. I'm using a homebrew xmtr using the sweep tube and colour
>burst xtal from an old TV. About 2 watts out on ~3.579 MHz.

>

>1) When calling CQ with a xtal xmtr, I remember reading as a kid that there
>was a letter you added after the callsign to indicate you were rock bound,
>something like CQ CQ CQ DE VA3TY/QRP/X or VA3TY/QRP X or VA3TY/QRP XTAL....
>or am I just imagining that?

You are probably thinking of the X in an RST report. If a signal has the frequency stability of crystal control, you give it a 579X report. These days, an X report is rare, as most modern methods of signal generation are about as stable as earlier crystal control.

It doesn't make sense to send /X in a CQ, as the recipient will find your frequency anyway.

(On the note of RSTs, I have been known to give a T report other than 9 (very rarely), and have, on more than one occasion, given a 579C report, where the C stands for Chirp)

>2) After calling CQ from my rock bound xmtr, I usually listen up and down
>10 - 20 kHz for anyone else that might be rock bound that would be
>responding to me. How do I convey, during my cq calling that I will be
>monitoring 10 - 20 kHz band centered on my xmit frequency?

Back in the 30s, 40s and even 50s, it was common practice for people to tune across the entire band, since it was generally understood that most transmitters weren't terribly frequency agile. You'd send long CQs, and tune around to find someone sending you a long reply.

Not so these days. Frequency agility is taken for granted. You might want to tune + or - 1 kHz, but more is probably a waste of time for most operating.

>3) Sometimes, I'll let my keyer on beacon mode send the CQ every 30 - 60
>seconds while lying down or reading. If I hear someone come back, I shut
>off the beacon and work them. Do any of you see an operating problem with
>this? Would that be considered bad operating practice or hogging a
>frequency? It is only 2 watts but then again I wouldn't want to be a lid.

The old standard was the 3x3x3 -- CQ three times, your call three times, and repeat the whole mess three times before listening.

Modern operating practice is more like 3x3, or 3x2 -- CQ three times, your call two or three times, then LISTEN. If no one comes back in 2-5 seconds, start it up again.

There's nothing more frustrating than listening to someone send an endless CQ over and over again without listening. If you go beyond 3x3x3, you aren't listening enough. Listen MORE.

(I still remember listening to a poor operator in the 40m novice band from 25 years ago send more than 50 CQs in a row (CQ CQ CQ CQ CQ CQ CQ...) without signing at around 5 wpm. I still don't know who he was, because I got impatient and moved one -- I'm sure others did as well)

Contest operators will sometimes set up their computers to send:

CQ TEST AA4LR

Listen for a few seconds, then repeat. This is actually more effective than long CQs.

>4) On this list, I sometimes see people signing their e-mails with 72/73.
>I know about 73 but what is 72?

72 is the QRP version of 73. Except a QRP station doesn't have quite enough oomph to make it to 73. <grin>

>I've been off the air for 17 years and returned last Autumn. Feel like I'm
>starting all over. Any help with these questions would be greatly
>appreciated.

>

>Tom Curtola

>tcurtola@home.com

>Toronto, Ontario - Canada

>VA3TY

>

>

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 27 Jun 2001 06:21:34 -0700
From: Bob Nielsen <nielsen@oz.net>
To: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100927] Re: QRP Antenna: Miracle Whip
Message-ID: <20010627062134.B3528@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

QST

On Wed, Jun 27, 2001 at 07:31:09AM -0500, Kanalz, Karl wrote:

> "In July '01" of WHAT, Leeds? "CQ Magazine" or "73" or
> what publication?
>
> Karl K - W8TIF
> McKinney, Texas
>
> > -----Original Message-----
> > From: MITCHELLRI@aol.com [SMTP:MITCHELLRI@aol.com]
> > Sent: Wednesday, June 27, 2001 7:31 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: QRP Antenna: Miracle Whip
> >
> > In July '01 is an article about the Miracle Whip QRP antenna. I am in the
> >
> > process of building one, the \$85.00 price tag for buying it complete
> > scares
> > me. Has anyone built one and/or used one? This antenna seems to be the
> > perfect match to my new Yaesu 817, although some of the claims about
> > performance seem optimistic.
> >
> > As I move through this build, I will share my experiences. (Yawn)
> > BTW, a good source for the wiper was an old fader control for low
> > impedance
> > speakers. Clarostat was the brand found in my junk box, but I think R/S
> > has
> > something like it.

> >
> > '73
> > Leeds Mitchell
> > WA1GJF
> > mitchellri@aol.com

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: 27 Jun 2001 13:54:08 America/Fort_Wayne
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [100928] FS
Message-ID: <20010627135408.18331.qmail@awcst401.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

PSK-20. \$130 =

DSW-30 (blue anodized case). \$150 =

WM-2. \$85

DSW-20 that is partially built (about 1/3), last of the DSW=92s \$150

Z-11 qrp tuner. \$150

JPS-NIR 10 - \$70

RS DSP. \$35

Alinco 2 Meter HT DJ-F1, with standup charger. \$95

Eagle Spitfire 454 10 Meter HT, new in box. \$130 =

Ten Tec 1202 SWR/Wattmeter. untested. \$50 (built)

Ten Tec 1254 digital SW receiver. \$195 =

SP-150 speakers. Have four. \$20 each

Kenwood TS-130 - \$325 (may be sold).

Please contact me off list. Prices are shipped US.
michael =

wb5yjx
mgoins@usa.net

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 27 Jun 2001 08:55:39 -0500
From: "Mitchell, Harvey" <Harvey.Mitchell@enron.com>
To: "QRP-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [100929] MFJ-9317 For Sale
Message-ID: <11F12D1F27A2714A8007E84656D5BC0C6E4221@NAH0U-MSMBX03V.corp.enron.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have for sale my MFJ-9317 "Cub" 17 meter transceiver, fully assembled and tested. One watt output on 17 meters, great little rig. It works fine, I'm just clearing out space on the table; too many rigs, not enough time. Asking \$75.00 shipped CONUS.

72,

Harvey Mitchell, K5YU
Seabrook, TX

Date: Wed, 27 Jun 2001 10:01:23 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100930] ZM-2 Question
Message-ID: <00a701c0ff11\$a95dd640\$6401a8c0@paulch>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently completed the construction of the Emtech ZM-2 tuner in a Norcal SST case. However, I find that C2 (output capacitor) must be fully clockwise in order to achieve a VSWR of better than 1.5:1 into a 2:1 termination at 7 MHz.

My question is this: with poly-variable caps, is maximum capacitance achieved CW or CCW? I don't have access to a capacitance meter and I really don't want to create a lab experiment to find out by observing reactance as a function of frequency and capacitance. Also, the plates are concealed and don't really allow for a good visual inspection. Thanks!

-Paul, W9AC

Date: Wed, 27 Jun 2001 09:05:22 -0500
From: "SPENCER, JOSEPH" <joseph.spencer@tccd.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100931] FS or trade
Message-ID: <2751DDC83AB5D211A0930090272ABEEDFF3839@EXCHANGE_NE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I have a MFJ-9330 "Cub" 30 meter transceiver kit. Unassembled, "new" in the box.

I would like to trade it for an equitable QRP item...or sell it for \$70 plus shipping.

72/3 Joe KK5NA kk5na@quadj.com

To run from your demon is to have him pursue you.
It is better to meet him in his world, than to face him in yours!

Visit the RACC QRP Home Page at <http://www.k5rac.org>
Visit NORTEX QRP Home PAGE at <http://www.quadj.com/nortex.htm>
Visit the FISTS Web page at <http://www.FISTS.org>

Date: Wed, 27 Jun 2001 10:45:24 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <barry@minsky.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100932] Re: PSK31 and the MAC
Message-ID: <1010527104525.KAA03142@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/22/01 1:55 PM, W2BJ at barry@minsky.org wrote:

>I am planning to use my Warbler with my MAC ibook. I purchased a device
>that provides audio input and output through the USB port. The computer
>has no serial port. How can I connect the serial connector?

You can buy a USB adaptor for a serial device. I believe that KeySpan

makes several. <<http://www.keyspan.com>>

>There must

>be an adaptor for serial to USB. Also, can the rig be operated without
>that connection? I would appreciate any advice. Thanks.

I'm waiting for the day radio manufacturers wake up and start putting USB
or FireWire ports on rigs instead of serial ports. (Even an 10BaseT
Ethernet port would be more interesting) Serial ports have become
obsolete instead of ubiquitous.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 27 Jun 2001 11:07:54 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "W D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [100933] ATTN Summer CUB FOX Hunt
Message-ID: <200106271108_MC3-D74D-9F6B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

John KB1ENS will be putting together the Summer Cub FOX Hunt this year. =
He
will be recruiting volunteers to be FOXes and Alternates, so get ready. =

There will be a separate web page, as well. Anyway--watch this space [g]=
.

73,
--Doc/K0EVZ

Date: Wed, 27 Jun 2001 10:07:47 -0500
From: "George, W5YR" <w5yr@att.net>

To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100934] Re: Vertical Info
Message-ID: <3B39F6C3.7F6EAED2@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Probably the most technically thorough and practically investigated experiments on short loaded verticals were reported in a series of article by Dr. Jerry Sevick, W2FMI, in QST back in the early 70's. He also wrote the ARRL pubs on toroid r-f matching transformers, "ununs," etc.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

ARDUJENSKI@aol.com wrote:

>
> The book PRACTICLE WIRE ANTENNAS by John Heys seems to have a good rule of
> thumb on short vertical antennas that I have yet to see any conflict todote
> in other papers. I think it is a good reference to keep in mind as folks make
> claims for their shorties.

Date: Wed, 27 Jun 2001 11:07:55 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "W D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [100935] Now Hear This!--Summer FOX Reminder
Message-ID: <200106271108_MC3-D74D-9F6C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

The Summer FOX Hunt season starts tomorrow evening (Thursday in the USA).=
=

The time will be 0200Z which is actually very early Friday morning,
USA-time. First up will be Paul K4FB and Ron W8RU. These are veteran

operators, so the hunt is likely to be spirited. Everyone is invited to jump in there and grab pelts. Don't miss out on this one :-).

Rules and other information are on the web page at <http://www.CQC.org/sfo=x>.

Here's hoping for great propagation [g]. Last evening 20 Metres was wide= open from my QTH to all over the CONUS and into EU until well after midnight local time. =

73,
--Doc/K0EVZ

Date: Wed, 27 Jun 2001 08:15:32 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: MITCHELLRI@aol.com, QRP List <qrp-l@lehigh.edu>
Subject: [100936] Re: Miracle whip Correction (Read First)
Message-ID: <3B39F894.98A73AE1@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MITCHELLRI@aol.com wrote:

>
> Boy, did I blow it on this one!!! The story was in the July QST.

Not to worry. Anyone who reads QST has seen the article. Now if I could just find mine (disappeared the day the trash went out: Oh oh!).

Phil W7OX

Date: Wed, 27 Jun 2001 15:14:50 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [100937] Re: Vertical Info
Message-ID: <200106271517.KAA90958@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

One of my favorite references for vertical antennas is:

The Amateur Radio Vertical Antenna Handbook

by Capt. Paul H. Lee, USNR, K6TS

a CQ pub....

Seems like he understood a lot about basic antenna principles...

Larry KA5T
Georgetown, Texas

Date: Wed, 27 Jun 2001 10:18:07 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'w7ox@earthlink.net'" <w7ox@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [100938] RE: Miracle whip Correction (Read First)
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49C38@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Ya' see?! That's why I asked about the specific publication!

I too have lost my last TWO issues of QST, so I haven't seen the article either!

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Phil Wheeler [SMTP:w7ox@earthlink.net]
> Sent: Wednesday, June 27, 2001 10:16 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Miracle whip Correction (Read First)
>
>
>
> MITCHELLRI@aol.com wrote:
> >
> > Boy, did I blow it on this one!!! The story was in the July QST.

>
> Not to worry. Anyone who reads QST has seen the article. Now if I could
> just find mine (disappeared the day the trash went out: Oh oh!).
>
> Phil W7OX

Date: Wed, 27 Jun 2001 12:14:39 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100939] FOX: Cub Foxii Needed!!!!
Message-ID: <3B3A066F.F0EA5ED0@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Needed: Cub Fox!

When: NOW!!!!!!

The Cub Fox Hunt will get underway with a BANG next Tues, July 3rd 2001. There isn't a lot of time to get things rolling, so luckily the format of the hunt will be identical to that of the Fox hunt except for the slower CW speed (10-13 wpm). The hunt will run 7/3/01 - 9/4/01 with 2 foxii on per hunt. Hunt start time is 0200Z (10pm EDT).

To apply to be a cub fox, please email me directly the following information before Sat, 6/30/01:

Name:
Call:
Email:
Phone #:
Timezone:
Describe your 20m setup (briefly):
CW Speed (slow is OK!!!):
Preferred dates (pick 2):
Any Tues between 7/3/01 and 9/4/01 that you CAN'T be a fox:

There will be 10 cub fox and alternates selected. Each fox will have two hunts.

Please note: The Cub Hunt will be on 20m, which unfortunately will rule out Novice, Tech+ or Tech+CW operators. This decision didn't come easy, but the fact of the matter is 15m is too iffy (and long) and 40m isn't that good in the summer. So 20m it is - hurry and take that General test if you can!

There will be a web site similar to the Fox site going up shortly with the schedule and scores.

Tnx es 73 de Fox Cub Committee (KB1ENS, K0EVZ, N1BQ)

Date: Wed, 27 Jun 2001 09:50:58 -0700 (PDT)
From: Ted Wagner <kb9rpd@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100940] Re: Operating Procedures
Message-ID: <20010627165058.89907.qmail@web14005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Modern operating practice is more like 3x3, or 3x2 -- CQ three times,
> your call two or three times, then LISTEN. If no one comes back in 2-5
> seconds, start it up again.
>
> There's nothing more frustrating than listening to someone send an
> endless CQ over and over again without listening. If you go beyond 3x3x3,
>
> you aren't listening enough. Listen MORE.

Yes, and I wish this were in a manual somewhere. (I may be missing it.)
There's nothing more irritating (ESPECIALLY on phone) than someone calling
CQ CQ <call> CQ CQ <call> CQ CQ <call> and only giving a 1 second pause.
By the time you key the mike to respond, the dude is off calling CQ again
and never hears a reply. Well, it's more irritating on Field Day when
contacts count!

The pause is important. The multiple CQ's and calls is important! If you
don't get a character once around when the signal fades in and out, you can
the next. But, when folks are done sending CQ, give a pause 5 or more
seconds is good enough, but make it long enough so that someone can send
back a response! ;-)

I'm not that experienced of an operator, but wow, sometimes it amazes me
about the habits of folks out there tooling around on the HF bands.
Sometimes it's downright embarrassing.

Ted

=====
KB9RPD

Ted Wagner
Plainfield, IN 46168 USA
<http://members.tripod.com/kb9rpd>
<http://www.qrz.com/database?callsign=kb9rpd>

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Wed, 27 Jun 2001 12:57:31 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100941] Fox- Summer Hunt #1 K4FB
Message-ID: <3B3A107B.E5CB1011@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's finally here! The 2001 Summer Fox Hunt season.

K4FB will be operating around 14.062 listening 1-2 above and below my transmit frequency.

Please do not call on my transmit frequency. I will not be listening there until the end of the hunt...or as the pack thins out. I will send "MY QRG" a few times before I start listening near the transmit frequency.

Station is a Force-12 C3 tribander up 75' and K2 # 568 at 5 watts. I'll start beaming to the Northeast but will keep the antenna moving most of the hunt. I also have a low 20m antenna for the closer in stations...so don't give up.

Hope to see many of you in the log.

73
Paul K4FB

Go Swamp Rats!

Date: Wed, 27 Jun 2001 13:26:04 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100942] Fox- K4FB addition
Message-ID: <3B3A172C.17C0950B@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to W5YR for helping me remember an important item:

I'll send the hound's call twice:

W8PIG 559 FL PAUL 5W W8PIG BK

Get those 20m rigs ready and fasten your seatbelts. The ride is ready to begin!

73
Paul K4FB/fox

Date: Wed, 27 Jun 2001 12:35:16 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: kb9rpd@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100943] Re: Operating Procedures
Message-ID: <3B3A1953.8437A828@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Ted Wagner wrote:

> The pause is important. The multiple CQ's and calls is important! If you
> don't get a character once around when the signal fades in and out, you can
> the next. But, when folks are done sending CQ, give a pause 5 or more
> seconds is good enough, but make it long enough so that someone can send
> back a response! ;-)

One second may be an extreme but two full seconds should be plenty of time. Use vox, have your finger on the mike button with the microphone near your mouth, have your foot on the foot switch. Unless you're suffering from a handicap you should be able to have your voice on the air in half a second.

If someone in a major contest starts spending five seconds between calls, he's going to be inviting others to come along and start calling

CQ on his frequency because it obviously isn't busy. <GRIN>

In smaller contests, longer pauses are probably worth while because there is not that much activity and you want everyone you can get. In the big contests, especially with the real competitors, they are going to be so busy that if you can't key up in one or two seconds you will have to wait until Sunday afternoon to work them.

73 de Dave, N0IT

Date: Wed, 27 Jun 2001 13:47:32 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100944] Re: Shortened Doublet
Message-ID: <1010527134733.NAA18545@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/25/01 3:59 PM, ARDUJENSKI@aol.com at ARDUJENSKI@aol.com wrote:

>There has been info shared in the past about the 44ft doublet for 40-10m and
>88ft doublet for 80-10m. Has anyone tried the next step of 176 for 160-10m? I
>was curious if you experienced any loading problems on the upper bands.

For these types of untuned doublets, any length of 80-140 feet will work OK for 80m, and the design scales readily to 40m or 160m. There's nothing "magic" about the 88 ft length.

As you move to higher harmonics, you'll get more complex impedances, and you'll see more lobes and deeper nulls. It's quite possible you may see loading problems on a 176 ft doublet on the higher bands, depending on the capabilities of your transmatch.

If your transmatch uses a tapped, switched inductor, I would suggest trying one of the "roller" inductor variety. It allows a lot more range to get a match, specially on the higher frequencies. It also allows frequency agility without having to do much re-tuning. (With my Murch UT-2000, I can move across the 80/75m band and only have to touch up the inductor setting -- the capacitor settings do not change)

If you are using an automatic transmatch, you should be aware that some of these have rather limited matching ranges. (However, my Kenwood AT-250 seems perfectly happy with my 125-foot doublet, even on 160m)

The bottom line is everything depends on your transmatch. If you are having trouble, you might try slightly different antenna lengths (longer

or shorter). Try changing the length by 10% and see what happens.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 27 Jun 2001 13:54:28 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <sslyon@megalink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100945] Re: Shortened Doublet, Lengthened Doublet
Message-ID: <1010527135429.NAA19202@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/25/01 4:21 PM, ss lyon at sslyon@megalink.net wrote:

>The only "problem" you'll have is that as the wire gets longer, and the
>operating wavelength gets shorter, you leave the realm of "broadside"
>patterns and enter the "long wire" realm where the lobes approach the axis
>of the wire.

For bands where each element approaches a wavelength, the pattern you end
up with looks more like a paint splatter.

Also, the pattern you see is much more dependant on the height above
ground than on the length of the antenna. Since you use this type of
antenna on multiple bands, and the height is fixed, it's really hard to
tell what the pattern really is.

For the most part, uses of this type of antenna really aren't terribly
picky about the absolute antenna pattern. It is a good compromise antenna
that gives reasonable access to all bands with a minimum of fuss.

I use one myself. Mine is 125 feet, and it sits at about 20 feet. (I
know, it is too low, it will go to 40 feet when the tower is up)

>If you're lucky, (like me) you can put up two at right angles
>and switch between them for best sig. Any problem with loading is usually
>cured by adjusting the length of the parallel feed line. I'm using two 88'
>doublets at right angles at about 60' ht., and really like the performance.

I doubt you see much difference between the two, although switching might
be nice in case you hit a null in one doublet, especially on the higher

bands (where there are a lot more nulls).

60 feet is a good height for 40m and 20m, and a great height for 15m and 10m. On 80m, most of the pattern is going to be straight up -- which is fine for local communications.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

 -- Wilbur Wright, 1901

Date: Wed, 27 Jun 2001 11:06:36 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100946] Re: Shortened Doublet
Message-ID: <3B3A20AC.9FC86066@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

>
> On 6/25/01 3:59 PM, ARDUJENSKI@aol.com at ARDUJENSKI@aol.com wrote:
>
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> >88ft doublet for 80-10m. Has anyone tried the next step of 176 for 160-10m? I
> >was curious if you experienced any loading problems on the upper bands.
>
> For these types of untuned doublets, any length of 80-140 feet will work
> OK for 80m, and the designs scales readily to 40m or 160m. There's
> nothing "magic" about the 88 ft length.
>

Actually, there is some technical support for 88 ft. See:

<http://www.cebik.com/88.html>

73, Phil W7OX

Date: Wed, 27 Jun 2001 13:08:43 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>

To: qrp-1@Lehigh.EDU
Subject: [100947] FS: Emtech NW20 GWO
Message-ID: <3.0.2.32.20010627130843.00813300@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L Folks,

The NW-20 I have for sale is in good working order. I made a mod to add an LED to the front panel. The audio filter included is built but not installed. I had started to add an internal keyer and pilot-drilled small holes in the back panel. Didn't do it and put the keyer in a separate housing. \$125 delivered CONUS.

BTW, it puts out about 3W now -- I didn't tune the output filter and transformer for best output. I've made lots of contacts with just 3 W. (I now have an FT-817 so I'm parting with all the separates.)

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Wed, 27 Jun 2001 14:14:08 -0400
From: "Frank Alwine" <kt1vt@hotmail.com>
To: nvqs@smartgroups.com, qrp-1@lehigh.edu
Subject: [100948] FS: OHR-500 - sold
Message-ID: <F228T4aJ6pkNzPZrIky0000e715@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The OHR-500 & DD1 are spoken for.

tnx & 72, Frank KT1VT

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Date: Wed, 27 Jun 2001 12:29:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [100949] Fox - Summer Fox Hunt Teams -

Message-ID: <Pine.LNX.4.33.0106271225290.31219-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...the SUMMER FOX HUNT is about to begin....so here is the TEAMS lineup at present....anymore Teams wish to join and battle it out?...it's a lot of fun...just e-mail me direct please.....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

.....the Summer fox hunt begins June 28th, 0200Z 20 mtrs.....

The Big Dawgs -	The Raiders of the Lost RF -
Marshall - N1FN	Earl - VA6RF
Tom - N5TW	Dan - VE6EX
Al - K0FRP	Rob - VE6JAZ
Bob - N6WG	Fred - VE3FAL
Larry - N2WW	Bruce - VE5RC

The Cajun Thunder -	The Swamp Rats -
Wayne - K5E0A	Pete - NV4V
Tom - AC5JH	Doc - K0EVZ
John - K5JS	Tom - N1TP
Jim - N5IB	Jack - K4BYF
Vernon - AA50	Paul - K4FB

The NE-TX Tornados -	The QRP Cheeseheads -
George - W5YR	Bob - AJ9U
Bill - K5JHP	Jerry - N9AW
Don - K5DW	Rick - NK9G
Chuck - W5USJ	Lon - W9XU
Rich - N5JI	Jim - WA9TZE

Date: Wed, 27 Jun 2001 14:53:08 -0400
From: "dave dabay" <kd3pc@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100950] OT: Looking for good deal on NIMH AA cells and charger
Message-ID: <000701c0ff3a\$6b4d7bc0\$3e4e180a@shadow>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for a deal on NiMH AA cells (12-20each) and a correct charger for them, can anyone point me to a source.....

tia

dave

Date: Wed, 27 Jun 2001 11:40:36 -0800
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100951] Operating Procedures - Frequency Agility
Message-ID: <3B3A36B4.C8BEA6B8@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

> Not so these days. Frequency agility is taken for granted. You might want
> to tune + or - 1 kHz, but more is probably a waste of time for most
> operating.

Here is another perspective on this one.

I have a funny habit of writing down how far off my "no-RIT" frequency folks are calling me. I find that most are within +0 to +300 Hz (+150 is most common) but I get a fairly large number that are up +500 to +800 and recently I have had a few in the +800 to +1100 Hz range. Very rarely are they below me but if they are they are within 000 to -300 Hz and I have picked a few up at -600-800 Hz.

I still tune plus and minus 1 KHz. If I did not, I would estimate I could miss over 50% of the calls to my CQ.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West

mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Wed, 27 Jun 2001 15:46:18 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "NVQS-S" <NVQS@smartgroups.com>, <w1moo@w1moo.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "NJ-QRP List" <njqrp@njqrp.org>, "FT817" <FT817@yahoogroups.com>
Cc: <n8ie@aol.com>
Subject: [100952] NVQS Field day Pictures (round 1)
Message-ID: <LPBBJAGIPFHKPJENAKLOCEEBFBAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got a bundle of pix from John, KB1ENS, from the NVQS Field Day ... they are up and available to see via a thumbnail gallery at the NVQS website <<http://www.wulfden.org/NVQS/>> just follow the Field Day link.

72/73 de brian, n1bq

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfden.org>
NoVT QRP Society <<http://www.wulfden.org/NVQS/>>
AMSAT LM-1418 NJQRP #274 ARS #915
QRP-L #2276 Zombie #768 NVQS #002

Date: Wed, 27 Jun 2001 15:53:57 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [100953] FOX: First Summer Hunt, W8RU-K4FB, 0200utc on 29 June
Message-ID: <3B3A39D5.96E1745F@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

The 2001 Summer Fox Hunt has arrived, and Paul (K4FB) and I will be the

first duo you hounds will get to pursue. Are you ready? The summer hunts are tougher than the winter because there is a lot more foliage behind which we Foxes can hide. :)

In UTC, the first hunt will take place on Friday, 29 June at 0200utc. This this Thursday evening local time in the USA. I am really looking forward to the thrill of another radio chase on 20 meters. It is my sworn duty as a Fox to give as many of you a pelt as time and conditions will allow.

I am planning on running on the low side of 14.060, hopefully between 058 and 059. Don't count this operating window as a given, though. After all, this is a Fox hunt. I will be running 5 watts to a 2 element yagi at 70 feet. I plan on rotating the antenna around to give all directions a listen. I will definitely be using my RIT, especially if the pile-up is thick.

As of this moment the local weather forecast for Thursday evening is not good -- the weather guys are calling for thunderstorms. I may have to disappear suddenly if conditions get threatening. Let's all think positive and bring an evening of clear weather.

Good luck and good hunting to you all.

72/3,

Ron (W8RU).

Date: Wed, 27 Jun 2001 15:46:29 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: "Phil Wheeler" <w7ox@earthlink.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100954] Re: Shortened Doublet
Message-ID: <1010527154630.PAA03092@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 6/27/01 2:06 PM, Phil Wheeler at w7ox@earthlink.net wrote:

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>> OK for 80m, and the designs scales readily to 40m or 160m. There's
>> nothing "magic" about the 88 ft length.
>>
>
>Actually, there is some technical support for 88 ft. See:
>

><http://www.cebik.com/88.html>

There's two things to consider.

LB based his choice of 88 feet in that it is the longest length that can be used and still maintain a broadside pattern on 20m. Effects on 17m and up were not evaluated.

LB based his conclusions on antenna heights of 70 and 100 feet. I would hazard to guess that most hams using this type of fixed compromise antenna have them at considerably lower heights -- such as 30-50 feet. These lower heights greatly alter the antenna pattern, which would lead one to different conclusions.

Bottom line:

There's nothing magic about 88 feet. If you can match LB Cebik's model design and it suits your needs, then by all means replicate it.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 27 Jun 2001 13:00:58 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [100955] PSK-31/TTY ON A POQET
Message-ID: <20010627.130109.-25963.0.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AOR's new MMT TDF-370 www.aorusa.com works with the early model POQET handheld computer. POQET-TALK "in rom" controls the TDF-370.
Monitoring via another p.c. with a soundblaster 16 shows a -45 IMD.
 dave ab5pc fresno, ca.

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Jun 2001 16:16:04 -0400 (EDT)

From: Scott Galloway <scott@mcgeorgecarco.com>
To: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100956] Re: Operating Procedures - Frequency Agility
Message-ID: <Pine.LNX.3.96.1010627160814.7866A-100000@defiant.mcgeorgecarco.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Most of them probably get so excited hearing an AL7 calling cq that they get nervous and try to answer as quickly as possible. In their excitement they are off freq a bit.

If I have time I turn the break in off and send a steady tone and try to match the pitch of the station I want to work, with the cw filter on. I didn't do this for a long while and now I am having to get used to it.

Scott
AE4TC

On Wed, 27 Jun 2001, Jim Larsen AL7FS wrote:

> Bill Coleman wrote:
>
> > Not so these days. Frequency agility is taken for granted. You might want
> > to tune + or - 1 kHz, but more is probably a waste of time for most
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> is most common) but I get a fairly large number that are up +500 to +800
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> and I have picked a few up at -600-800 Hz.
>
> I still tune plus and minus 1 KHz. If I did not, I would estimate I
> could miss over 50% of the calls to my CQ.
>
> 73, Jim
> --
> Jim Larsen, AL7FS, Anchorage, Alaska
> (BP51cc) - 61.101 North, 149.824 West
> mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>
>

Date: Wed, 27 Jun 2001 16:21:04 -0400
From: "John Karpus" <jkarpus@home.com>
To: qrp-l@lehigh.edu
Subject: [100957] Just built SST with a question
Message-ID: <20010627202247.GKSG23553.femail9.sdc1.sfba.home.com@[65.8.88.236]>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi guys, My Name is John and I am new to qrp and ham radio in general. I just built my first kit a wilderness radio SST for 20m. But I have a quick question. In a certain range on the AF control I get a loud click that will "click" repeatedly when the rig is keyed down. It does not happen at the high end or the low end but everything in between has this problem. As you go down in volume the "clicking" slows and vice-versa. Also at the edges of the clicking the cw "note" seems to get muddy.

Everything else is upto specs, except the vxo range is 14.048 to 14.058. Does anybody know how to shift this up a little to get closer to 20m qrp range??

Thanks for the Bandwith
KC2FPR John

argo 509, mfj 9040, sst 20m

Date: Wed, 27 Jun 2001 13:22:46 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100958] Re: Shortened Doublet
Message-ID: <3B3A4096.2F38C4CB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

>

> On 6/27/01 2:06 PM, Phil Wheeler at w7ox@earthlink.net wrote:

>

> >> For these types of untuned doublets, any length of 80-140 feet will work

> >> OK for 80m, and the designs scales readily to 40m or 160m. There's

> >> nothing "magic" about the 88 ft length.
> >>
> >
> >Actually, there is some technical support for 88 ft. See:
> >
> ><http://www.cebik.com/88.html>
>
> There's two things to consider.
>

Even more than two ... which is why I referred to the article vs. trying to synopsise it here. Those who are interested should read LB's excellent discussions of this and other antennas: Great web site!

73, Phil W7OX

Date: Wed, 27 Jun 2001 13:24:42 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: kd3pc@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100959] Re: OT: Looking for good deal on NIMH AA cells and charger
Message-ID: <3B3A410A.6F0483F3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

dave dabay wrote:

>
> I am looking for a deal on NiMH AA cells (12-20each) and a correct charger
> for them, can anyone point me to a source.....
>

I like Thomas: <http://www.nimhbattery.com/maha-mh-aa155.htm>

But beware shipping charges when you buy batteries :-;

Phil W7OX

Date: Wed, 27 Jun 2001 13:40:04 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: jkarpus@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100960] Re: Just built SST with a question
Message-ID: <3B3A44A4.86BEC2FE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

There is a web site with lots of SST info .. or once was.

OK, here it is:

http://www.qsl.net/al7fs/SST_MOD.htm

Re tuning range: The kit comes with two varactors. I've added a switch so I can have two tuning ranges. Or you can just put the alternate one in and see what you get.

The "click" phenomenon is new to me.

73, Phil W7OX

John Karpus wrote:

>
> Hi guys, My Name is John and I am new to qrp and ham radio in general. I
> just built my first kit a wilderness radio SSt for 20m. But I have a quick
> question. In a certain range on the AF control I get a loud click that
> will "click" repeatedly when the rig is keyed down. It does not happen at
> the high end or the low end but everything in between has this problem. As
> you go down in volume the "clicking" slows and vice-versa. Also at the
> edges of the clicking the cw "note" seems to get muddy.
> Everything else is upto specs, except the vxo range is 14.048 to 14.058.
> Does anybody know how to shift this up a little to get closer to 20m qrp
> range??
>
> Thanks for the Bandwith
> KC2FPR John
>
> argo 509, mfj 9040, sst 20m

Date: Wed, 27 Jun 2001 16:52:47 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100961] RE: OT: Looking for good deal on NIMH AA cells and charger
Message-ID: <GAECLOGOMILPLBGKKPEGOECHCJAA.crmabbott@mediaone.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I did my research, checked prices on the web, and looked at shipping charges. Picked up the charger MH C204F it will do four AA or AAA batteries at a time. Use them for digital camera. I got the batteries and charger at a swap, they usually are there and saved the shipping!

I got the batteries mentioned at the URL and have been real happy with the setup so far.

=====

Chuck Mabbott
AA8VS
42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On
Behalf Of
Phil Wheeler
Sent: Wednesday, June 27, 2001 4:25 PM
To: Low Power Amateur Radio Discussion
Subject: Re: OT: Looking for good deal on NIMH AA cells and
charger

dave dabay wrote:

>
> I am looking for a deal on NiMH AA cells (12-20each) and a
correct charger
> for them, can anyone point me to a source.....
>

I like Thomas: <http://www.nimhbattery.com/maha-mh-aa155.htm>

But beware shipping charges when you buy batteries :-;

Phil W70X

Date: Wed, 27 Jun 2001 17:55:02 -0700
From: paul taylor <ptay1@bestweb.net>
To: qrp-1@LEHIGH.edu
Subject: [100962] fs or trade
Message-ID: <3.0.32.20010627175501.0069e2bc@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MFJ 751 keyer - keyboard combo for sale or trade.
Selling because I am not doing demos

Date: Wed, 27 Jun 2001 17:57:56 -0400
From: Joel M Denison <hamjoel@juno.com>
To: scott@mcgeorgecarco.com, qrp-1@lehigh.EDU
Subject: [100963] Re: Operating Procedures - Frequency Agility
Message-ID: <20010627.180150.-245743.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the tricks I use to zero beat when playing cw isto use a psk
grogram or spectrogram and put a marker at my passband center freq...
440hz

when I heah a station I wanna work I just chune them to the mark
on the waterfall or freq marker and I got em...my receive gives me a 440
tone and my xmit is offset 440 so I xmit right on their freq.. simple,
effective, doesn't require great math skills or a college degree...a
great advantage for us lesser educated folk... :-)

course sometimes I try and zero beat... now that can get to be
fun... u gotta tune and listen instead of just look... lots of times I do
both just to try and keep current with the zero beating technique...nevah
kneaux whan u might find a Fox listening on his own freq... :-)

'Course now, when ah runs the fp cw net, ah just turns on the rec
rit and lock the xmit freq and tune em in with the rit...do the same
thing in a cw round table... makes it easier for the others to chune u in
also as u an't moving xmiting freq accidently...

Probably lots of utter ways to do it... those be just the ones ah
use... hope it helps

kella joel
in maine

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 27 Jun 2001 20:59:20 +0100
From: Larry Cahoon <lejek@erols.com>
To: aa4lr@arrl.net, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [100964] Re: Shortened Doublet, Lengthened Doublet
Message-ID: <5.0.2.1.0.20010627204835.00a05450@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:54 PM 06/27/01 -0400, Bill Coleman wrote:

>Also, the pattern you see is much more dependant on the height above
>ground than on the length of the antenna. Since you use this type of
>antenna on multiple bands, and the height is fixed, it's really hard to
>tell what the pattern really is.

I think if you look you will see that the number of lobes is a function of the length of the wire. The takeoff angle depends very much on the height of the antenna above ground. There is some spillover effect on the pattern as the height varies, but not a whole lot.

>For the most part, uses of this type of antenna really aren't terribly
>picky about the absolute antenna pattern. It is a good compromise antenna
>that gives reasonable access to all bands with a minimum of fuss.

I don't really regard it as a compromise antenna. If I can only put up a dipole type antenna I can get better gain, and directivity by choosing the right length. The 44 ft version will give me more directivity and gain on 15 meters than I can get from a dipole. If that is what I want then it's a great antenna.

Everyone should get themselves a copy of EZNEC and look at the plots on some of these antenna and get a real feel for what theory says you should get out of them.

> >If you're lucky, (like me) you can put up two at right angles
> >and switch between them for best sig. Any problem with loading is usually
> >cured by adjusting the length of the parallel feed line. I'm using two 88'
> >doublers at right angles at about 60' ht., and really like the performance.
>
>I doubt you see much difference between the two, although switching might
>be nice in case you hit a null in one doubler, especially on the higher
>bands (where there are a lot more nulls).

Two is a great idea. I've got the 44 ft version fed with ladder line running at right angles to a simple dipole, coax fed, for 20 meters. On 20 meters there can be a world of difference between the two. I've seen differences as large as 5 s-units. Neither antenna is always better than the other. But both perform just as the models say they should. Keep in mind that with the 44 ft version with just the normal two lobes on 20, 15, and 10 there are really two major nulls.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Wed, 27 Jun 2001 15:43:39 -0700 (PDT)
From: w7ls <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [100965] Transmission Line Transformer book wanted
Message-ID: <3B3A619B.000001.09179@drteeth.blarg.net>
MIME-Version: 1.0

Looking for a copy of Transmission Line Transformers. Can't find it, anywhere. Any condition is fine. It's the ARRL book on the subject.
Thanks. Jim, W7LS

End of QRP-L Digest 2233

